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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant : Matthew J. Banet, et al.

Art Unit : 3661

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Serial No. : 09/776,033

Examiner : M. Zanelli

**GROUP 3600**

Filed : February 1, 2001

Title : **WIRELESS DIAGNOSTIC SYSTEM FOR CHARACTERIZING A VEHICLE'S EXHAUST EMISSIONS**

*Coker*  
10-22-02

Commissioner for Patents  
Washington, D.C. 20231**RESPONSE**

In response to the office action mailed April 3, 2002, please amend the application as follows:

**In the Specification:**

Amend the paragraph beginning at page 3, line 8 as follows:

A second generation of OBD systems, called OBD-II systems, monitor emission performance and a wide range of additional data that indicate the performance of the host vehicle. For example, in addition to emissions, OBD-II systems monitor vehicle speed, mileage, engine temperature, and intake manifold pressure. OBD-II systems also query manufacturer-specific data, such as engine-performance tuning parameters, alarm status, and properties relating to entertainment systems. In total, OBD-II systems typically access hundreds of segments of data relating to the performance and make of the host vehicle.

**Amend the paragraph beginning at page 13, line 2 as follows:**

Fig. 1 shows a wireless diagnostic system 10 that communicates with a collection of vehicles 30 using a host computer system 12 and a standard wireless communications system 15. The diagnostic system 10 remotely characterizes the vehicles' emissions. The wireless communications system 15 is, e.g., a conventional wireless – network, e.g. Bell South's Mobitex

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